

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1526	(257/E21.584).ccls. and @ad<"20060713"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/03 12:29
L2	20	L1 and (CF.u/c. or "C.sub."?"F.sub."? or fluorocarbon or (carbon near3 fluorine)) and ((silicon near3 carbide) or SiC or SiCN)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/03 12:29
L3	6	L1 and ((CF.u/c. or "C.sub."?"F.sub."? or fluorocarbon or (carbon near3 fluorine)) near3 (film or layer)) and ((silicon near3 carbide) or SiC or SiCN)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/03 12:30
L4	112	((CF.u/c. or "C.sub."?"F.sub."? or fluorocarbon or (carbon near3 fluorine) or OSFG or (organofluorosilicate near3 glass)) near3 (film or layer)) and (SiOC or (silicon near3 (oxycarbide or oxynitrite or carbide near3 (oxygen or oxide)))) and (SiCN or (silicon near3 (carbonitride or carbonitrite or carbide near3 (nitride or nitrogen)))) and @ad<"20040113"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/03 12:30
L5	1	12/157795	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/03 12:53

L6	974	Kobayashi-Yasuo.in. or Nishizawa-Kenichi.in. or Kameshima-Takatoshi.in. or Matsuoka-Takaaki.in. or Kobayashi-Yasuo-\$5.in. or Nishizawa-Kenichi-\$5.in. or Kameshima-Takatoshi-\$5.in. or Matsuoka-Takaaki-\$5.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/03 13:05
L7	14	L6 and ((carbon and fluorine) or fluorocarbon or CF or "C.sub."?"F.sub."?).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/03 13:05
L8	238	(tokyo and electron).as. and ((carbon and fluorine) or fluorocarbon or CF or "C.sub."?"F.sub."?).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/03 13:06
L9	12	L8 and (silicon near3 carbide).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/03 13:06
L17	4	"6764939".pn. or "6875687".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/03 13:13
L19	4	L17 and ((silicon near3 carbide) or SiC or SiCO or SiOC or SiCN or SiNC)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/03 13:14
L20	2	L19 and ((carbon near5 (fluorine or fluoride)) or fluorocarbon or CF or "C.sub."?"F.sub."?)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/03 13:15
S42	841	438/623.ccls. and @ad< "20050113"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/24 10:00

S43	419	438/783.ccls. and @ad<"20050113"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/24 10:00
S44	1235	S42 or S43	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/24 10:00
S45	4	S44 and @pd>"20090930"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/24 10:01
S46	4	US-6764939-\$.DID. OR US-6875687-\$.DID.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/24 10:03
S47	384	((wire or wiring or interconnect) with (copper or Cu or damascene or dual-damascene)) and (CF or FC or (carbon near3 flourine) or ((fluorine-added or fluorine-doped) adj carbon) or ((carbon-doped or carbon-added) adj fluorine)) and (SiC or (silicon adj carbide) or (silicon near3 carbon)) and @ad<"20050113"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/24 10:15
S48	21	S47 and (SiCN or SiNC or ((nitrogen or nitrogen-doped or nitrogen-added) near3 ((silicon adj carbide) or SiC)) and (SiOC or SiCO or ((oxygen or oxygen-doped or oxygen-added) near3 ((silicon adj carbide) or SiC)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/24 10:16

## EAST Search History (I nterference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp

L10	111	Kobayashi-Yasuo.in. or Nishizawa-Kenichi.in. or Kameshima-Takatoshi.in. or Matsuoka-Takaaki.in. or Kobayashi-Yasuo-\$5.in. or Nishizawa-Kenichi-\$5.in. or Kameshima-Takatoshi-\$5.in. or Matsuoka-Takaaki-\$5.in.	US-PGPUB; USPAT; UPAD	OR	ON	2010/06/03 13:06
L11	14	L10 and ((carbon and fluorine) or fluorocarbon or CF or "C.sub."?"F.sub."?).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2010/06/03 13:06
L12	239	(tokyo and electron).as. and ((carbon and fluorine) or fluorocarbon or CF or "C.sub."?"F.sub."?).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2010/06/03 13:06
L13	12	L12 and (silicon near3 carbide).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2010/06/03 13:07
L14	624	((carbon and fluorine) or fluorocarbon or CF or "C.sub."?"F.sub."?).clm. and (silicon near3 carbide).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2010/06/03 13:07
L15	42	((carbon and fluorine) or fluorocarbon or CF or "C.sub."?"F.sub."?).clm. and (silicon near3 carbide).clm. and (SiCO or SiOC or (oxygen near3 (silicon adj carbide)) or (oxygen-added near3 (silicon adj carbide)) or (oxygen-doped near3 (silicon adj carbide))).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2010/06/03 13:09
L16	20	((carbon and fluorine) or fluorocarbon or CF or "C.sub."?"F.sub."?).clm. and (silicon near3 carbide).clm. and (SiCO or SiOC or (oxygen near3 (silicon adj carbide)) or (oxygen-added near3 (silicon adj carbide)) or (oxygen-doped near3 (silicon adj carbide))).clm. and (SiCN or SiNC or (nitrogen near3 (silicon adj carbide)) or (nitrogen-added near3	US-PGPUB; USPAT; UPAD	OR	ON	2010/06/03 13:10

(silicon adj carbide)) or (nitrogen-doped near3 (silicon adj carbide))). clm.				
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**6/ 3/ 2010 1:19:21 PM**

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